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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 5 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — MAY, 1965

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May 1965, averaged 87,306 barrels daily, an increase of 2,268 barrels from the average April production of 85,038.

The nine refineries in state processed 82,892 barrels of crude oil daily for the month of May, 1965, an increase of 12,735 barrels from the 70,157 barrels processed daily during the month of April, 1965.

During May 37 wells were completed, 13 oil, 2 gas wells and 24 dry holes.

During May, the commission issued 43 permits to drill new wells, an increase of 14 from 29 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF MAY, 1965

IN STORAGE MAY 1st:	
By Producers	348,250
By Transporters	1,110,676
By Refiners	798,421
TOTAL STORAGE	2,257,347
Produced in Montana During Month	2,706,503
Imported During Month	1,649,383
TOTALS	6,613,233
DISPOSITION:	
Refined in Montana	2,569,670
Exported	1,839,801
Used for Fuel or Lost	302
TOTAL	4,409,773
IN STORAGE MAY 31st:	
By Producers	367,167
My Transporters	1,100,616
By Refiners	735,677
TOTAL STORAGE	2,203,460

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	65,727
Bowdoin	118,407
Bowes	55,775
Cabin Creek	72,883
Cedar Creek	190,653
Cut Bank (Including Reagan)	554,244
Devon	2,059
Dry Creek	87,928
Elk Basin	22,279
Flat Coulee	570
Gold Butte	8,608
Golden Dome	0
Grandview	11,405
Hardin	4,777
Keith Block	207,809
Kevin Sunburst	56,526
Middle Butte	900
Mt. Lilly	60,376
Pine	67,991
Plevna	13,883
Utopia	99,754
Whitlash	191,603
Miscellaneous	14,972
TOTAL	1,909,129

Total withdrawls for May, 1964 were 1,603,035

PRODUCER'S REPORT—MONTH OF MAY, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	398	2,501	----------	2,467	----------	432
5	Bannatyne	9	1,033	955	----------	1,085	----------	903
1	Bascom	1	85	65	----------	----------	----------	150
4	Bear's Den	5	1,793	1,545	----------	1,500	----------	1,838
1	Belfry	1	171	292	----------	387	----------	76
1	Benrud	1	380	2,712	2,793	----------	----------	299
1	Benrud East	1	556	11,678	11,257	----------	----------	977
1	Benrud Northeast	1	621	14,830	15,064	----------	----------	387
8	Big Wall	23	2,921	17,719	17,841	----------	----------	2,799
7	Blackfoot	11	2,763	7,215	----------	8,249	----------	1,729
1	Bloomfield	1	450	566	463	----------	----------	553
2	Border	2	206	845	----------	845	----------	206
1	Bowes	61	8,905	13,307	17,476	----------	----------	4,736
3	Bradley	3	1,455	1,148	1,524	----------	----------	1,079
2	Cabin Creek	110	6,679	262,631	263,004	----------	----------	6,306
14	Cat Creek	87	2,962	18,181	17,860	----------	----------	3,283
1	Clark's Fork	1	116	224	----------	146	----------	194
...	Clark's Fork North	----------	303	----------	----------	----------	----------	303
2	Conrad South	2	615	535	637	----------	----------	513
1	Cupton	1	2,214	1,592	----------	2,869	----------	937
174	Cut Bank	1,040	103,215	202,040	194,263	5,850	2	105,140
3	Deer Creek	4	846	4,253	3,156	----------	----------	1,943
1	Delphia	1	268	45	----------	196	----------	117
...	Devil's Basin	----------	498	----------	----------	----------	----------	498
1	Dry Creek	1	472	51	----------	190	----------	333
16	Dwyer	17	8,010	38,107	38,233	----------	----------	7,884
8	Elk Basin	66	3,960	307,372	307,054	----------	----------	4,278
1	Elk Basin Northwest	1	944	1,637	----------	----------	----------	2,581
3	Fertile Prairie	3	869	2,838	----------	2,968	----------	739
24	Flat Coulee	29	5,389	33,288	34,210	----------	----------	4,467
16	Flat Lake	17	7,354	58,885	47,902	----------	169	18,168
2	Frannie	2	----------	1,459	1,459	----------	----------	----------
18	Fred & George Creek	28	1,269	118,341	117,112	348	24	2,126
1	Gage	1	277	328	245	----------	2	358
1	Gage Southwest	1	156	990	----------	1,067	----------	79
4	Gas City	27	4,421	58,421	55,112	3,017	----------	4,713
7	Glendive	12	2,271	36,639	28,025	8,555	----------	2,330
13	Goose Lake	15	1,373	50,263	47,570	----------	----------	4,066
6	Graben Coulee	11	3,428	4,102	3,114	866	----------	3,550
...	Grandview	----------	112	----------	----------	----------	----------	112
3	Gypsy Basin	4	2,551	1,386	1,633	175	----------	2,129
1	Hibbard	1	241	408	----------	396	----------	253
8	Ivanhoe	14	2,522	26,193	24,395	----------	62	4,258
9	Keg Coulee	22	5,057	21,377	20,176	----------	5	6,253
2	Keg Coulee North	2	1,180	5,983	----------	6,275	----------	888
137	Kevin Sunburst	749	16,578	36,615	37,250	----------	1	15,942
2	Little Beaver	24	3,832	25,569	25,608	334	----------	3,459
3	Little Beaver East	18	2,706	15,814	16,162	----------	----------	2,358
2	Lodge Grass	2	505	1,915	----------	1,407	----------	1,013
2	Lone Tree	3	450	3,502	----------	2,428	----------	1,524
26	Lookout Butte	71	3,569	116,673	116,744	----------	----------	3,498
...	Mackay Dome	----------	770	----------	----------	----------	----------	770
2	Mason Lake	2	761	4,089	4,015	----------	----------	835
2	Melstone	5	1,443	3,363	4,047	----------	----------	759
1	Mineral Bench	1	555	4,717	4,745	----------	----------	527
6	Monarch	14	2,773	15,759	14,847	----------	----------	3,685
4	Mosser	9	----------	593	----------	593	----------	----------
1	Musselshell	1	300	----------	----------	141	13	146
7	Outlook	12	5,812	31,489	28,676	----------	----------	8,625
2	Outlook South	2	1,647	3,688	4,123	----------	----------	1,212
64	Pennel	111	2,683	212,314	211,723	----------	----------	3,274
4	Pine	132	14,219	345,319	343,979	----------	753	14,806
4	Pole Creek	7	1,584	3,716	----------	4,443	----------	857
65	Pondera	302	8,258	28,701	28,107	----------	----------	8,852
2	Pondera Coulee	2	----------	417	417	----------	----------	----------
4	Poplar East	75	13,268	86,983	86,963	----------	130	13,158
4	Poplar Northwest	5	969	1,903	909	----------	----------	1,963
6	Ragged Point	16	1,939	3,460	3,118	----------	----------	2,281
3	Reagan	42	2,270	18,012	17,996	----------	----------	2,286
1	Red Creek	31	2,923	29,169	31,523	----------	----------	569
1	Redstone	1	506	875	727	----------	----------	654
1	Repeat	1	266	1,892	----------	1,535	----------	623
4	Richey	5	4,369	1,644	2,823	----------	----------	3,190
6	Richey Southwest	7	2,777	12,044	815	10,623	----------	3,383
4	Sand Creek	4	----------	5,504	5,504	----------	----------	----------
1	Shotgun Creek	1	455	938	----------	1,110	----------	283
4	Sidney-Brorson	4	2,186	2,108	----------	2,218	----------	2,076
2	Snyder	4	1,973	1,003	----------	1,596	----------	1,380
5	Soap Creek	9	5,780	4,528	378	5,915	----------	4,015
2	Spring Lake	3	3,669	7,201	----------	5,898	258	4,714
2	Stensvad	23	3,736	41,725	40,495	----------	----------	4,966
27	Sumatra	84	13,337	82,681	83,297	----------	60	12,661
6	Tule Creek	7	6,026	35,366	----------	37,862	----------	3,530
2	Tule Creek East	2	571	33,245	31,212	1,556	----------	1,048
1	Tule Creek South	1	739	4,314	----------	4,108	----------	945
2	Vida	2	549	3,427	----------	2,573	----------	1,403
3	Volt	3	1,735	9,333	8,425	----------	----------	2,643
3	Weldon	9	4,455	85,913	----------	84,544	----------	5,824
14	Whitlash	23	7,301	16,132	7,749	6,941	----------	8,743
1	Whitlash West	1	140	418	418	----------	----------	140
2	Wills Creek South	2	993	7,743	8,176	----------	----------	560
9	Wolf Springs	16	4,823	14,881	13,673	----------	----------	6,031
4	Woodrow	6	232	6,463	6,032	----------	----------	663
1	Wildcat, Carbon Cty	1	296	99	----------	175	----------	220
1	Wildcat, Glacier Cty	1	213	299	----------	402	----------	110
841	Totals	3,500	348,250	2,706,503	2,462,254	223,853	1,479	367,167

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
First Quarter, 1965	7,583,264	84,258	7,566,682	84,074
April, 1965	2,551,144	85,038	2,577,742	85,924
May, 1965	2,706,503	87,306	2,686,107	86,648

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1964	369,139	933,819	508,411	1,811,369
First Quarter, 1965	376,346	986,628	704,702	2,067,676
April, 1965	348,250	1,110,676	348,250	2,257,347
May, 1965	367,167	1,100,616	735,677	2,203,460

*Includes Wyoming Oil.

TRANSPORTER'S REPORT—MONTH OF MAY, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,467				2,467		
BANNATYNE—Truck			1,085			1,085			
BEAR'S DEN—Truck			1,500					1,500	
BELFRY—Truck			387				387		
BIG WALL—									
Continental Pipeline Co.		18,254				18,254			
BLACKFOOT—Union Oil Co.			7,108			7,108			
Thompson Crude Purchasing			1,141					1,141	
			8,249			7,108		1,141	
BORDER—Truck			845				845		
BOWES—Texaco, Inc.		17,476				17,476			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	297,799	713,449	121,126	724,411			1,565,141		291,644
Shell Pipeline Co.	7,016	339,077		327	(5,364)			346,440	5,344
	304,815	1,052,526	121,126	724,738	(5,364)		1,565,141	346,440	296,988
CAT CREEK									
Continental Pipeline Co.		15,101				15,101			
CLARK'S FORK—Truck			146				146		
CUT BANK									
Darling Gathering System, Inc.	2,058	5,394						5,660	1,792
Continental Pipeline Co.			7,239	446,059		453,298			
Phillips Petroleum Co.	108,616	57,206		15,707	664	82,260			98,605
Texas Pipeline Co.	33,285	51,124		16,563	506			56,104	44,362
Union Oil Co.	50,932	72,656		36,175	204	79,058			80,501
Western Oil Transportation Co.	26,117	34,050		33,343	340			37,725	55,445
	221,008	220,430	7,239	547,847	1,714	614,616		99,489	280,705
DELPHIA—Truck			196			196			
DRY CREEK—Truck			190				190		
DWYER—Portal Pipeline Co.		36,939					36,939		
ELK BASIN—									
Marathon Pipeline Co.		306,125				306,125			
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	31,842						31,842	3,000
FLAT LAKE—Portal Pipeline Co.		47,902					47,902		
FRANNIE—Interstate Pipeline Co.		1,459					1,459		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	27,648	110,960				8,592		100,535	29,481
GAGE—Continental Pipeline Co.		245	1,067			1,312			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	13,267	47,185			1,524			51,753	7,175
GOOSE LAKE—									
Portal Pipeline Co.		47,571					47,571		
HIBBARD—Truck			396			396			
IVANHOE—									
Continental Pipeline Co.		24,858				24,858			
KEG COULEE—									
Continental Pipeline Co.		24,453				24,453			
KEG COULEE NORTH—Truck			6,275				6,275		
KEVIN SUNBURST—									
Big West Oil Co.	2,848	42,331				42,493			2,686
Homestake Oil & Gas Co.	491	1,893		5,661		7,494			551
Texas Pipeline Co.	10,763	12,933			52			16,563	7,081
	14,102	57,157		5,661	52	49,987		16,563	10,318
LODGE GRASS—McWood Corp.			1,407			1,407			
LONE TREE—Truck			2,428				2,428		
MASON LAKE—									
Continental Pipeline Co.		4,015				4,015			
MELSTONE—									
Continental Pipeline Co.		3,591				3,591			
MOSSER—Truck			593				593		
MUSSELSHELL—Truck			141			141			
POLE CREEK—Truck			4,443				4,443		
PONDERA—Phillips Petr. Co.	44,958	30,028			136	32,575			42,275
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	15,583	230,491			80			228,371‡	17,623
RAGGED POINT—									
Continental Pipeline Co.		3,118				3,118			
RED CREEK—									
Western Oil Transportation Co.		31,523			315			31,208	
SHOTGUN CREEK—Truck			1,110				1,110		
SIDNEY-BRORSON									
McWood Corp.	10,439		2,218	4,818				2,884	14,591
SNYDER—McWood Corp.			1,596			1,596			
SOAP CREEK—McWood Corp.	4,401		5,915	3,321		13,202			435
SPRING LAKE—Truck			5,898				5,898		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	445,054	124,307		153,391	(1,063)	128,581		202,230	393,004
TULE CREEK—									
Tesoro Petr. Corp.	6,401		39,418	571				41,369	5,021
WHITLASH AND WHITLASH WEST									
Camerland Cardinal Corp.		9,413				9,413			
Thompson Crude Purchasing			6,941			6,941			
		9,413	6,941			16,354			
WOLF SPRINGS—									
Continental Pipeline Co.		13,672				13,672			
WILDCAT WELLS—Truck			577			577			
TOTALS	1,110,676	2,510,641	223,853	1,440,347	(2,606)	1,308,388	1,723,794	1,155,325	1,100,616

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MAY, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				18,254						18,254
Bowes			24,666							24,666
Cat Creek				7,103		3,390				10,493
Cut Bank					27,301		72,735		83,251	183,287
Delphia						513				513
Elk Basin		113,952		76,087	116,085					306,124
Fred & George Creek	8,592									8,592
Gage						607				607
Hibbard						579				579
Ivanhoe					27,301					27,301
Keg Coulee		6,744		6,155						12,899
Kevin Sunburst	50,703									50,703
Lodge Grass		1,407								1,407
Mason Lake		4,015								4,015
Melstone				3,591						3,591
Pondera							40,850			40,850
Ragged Point		3,118								3,118
Red Creek					31,523					31,523
Richey Southwest						1,552				1,552
Soap Creek		13,202								13,202
Sumatra & Stensvad		18,403		80,951						99,354
Tule Creek								41,369		41,369
Whitlash	16,354									16,354
Wolf Springs					19,504					19,504
Wildcat Wells						430				430
Total Montana Oil	75,649	160,841	24,666	192,141	221,714	7,071	113,585	41,369	83,251	920,287
Canadian Oil Imported		444,192							1,867	446,059
Wyoming Oil Imported		113,204		298,478	788,337	3,305				1,203,324
Total Montana, Canadian, and Wyoming Oil	75,649	718,237	24,666	490,619	1,010,051	10,376	113,585	41,369	85,118	2,569,670

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
May, 1964	33,371	13,368	40,507	87,246
May, 1965	29,686	14,390	38,816	82,892

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1964	38.40%	12.51%	49.09%
May, 1964	38.25%	15.33%	46.42%
May, 1965	35.81%	17.37%	46.82%